

National Science Foundation

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§ 670.37 Content of permit applications.

Applications for the introduction of plants and animals into Antarctica must describe:

(a) The species, numbers, and if appropriate, the age and sex, of the animals or plants to be introduced into Antarctica;

(b) The need for the plants or animals;

(c) What precautions the applicant will take to prevent escape or contact with native fauna and flora; and

(d) How the plants or animals will be removed from Antarctica or destroyed after they have served their purpose.

§ 670.38 Conditions of permits.

All permits allowing the introduction of non-indigenous plants and animals will require that the animal or plant be kept under controlled conditions to prevent its escape or contact with native fauna and flora and that after serving its purpose the plant or animal shall be removed from Antarctica or be destroyed in manner that protects the natural system of Antarctica.

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PART 671—WASTE REGULATION

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671.17 Cases of emergency.

AUTHORITY: 16 U.S.C. 2405.

SOURCE: 58 FR 34719, June 29, 1993, unless otherwise noted.

Subpart A—Introduction

§ 671.1 Purpose of regulations.

The purposes of these regulations in part 671 are to protect the Antarctic environment and dependent and associated ecosystems, to preserve Antarctica's value as an area for the conduct of scientific research, and to implement the Antarctic Conservation Act of 1978, Public Law 95-541, consistent with the provisions of the Protocol on Environmental Protection to the Antarctic Treaty, signed in Madrid, Spain, on October 4, 1991.

§ 671.2 Scope.

These regulations in part 671 apply to any U.S. citizen's use or release of a banned substance, designated pollutant or waste in Antarctica.

[58 FR 34719, June 29, 1993, as amended at 59 FR 37438, July 22, 1994]

§ 671.3 Definitions.

(a) *Definitions.* In this part:

Act means the Antarctic Conservation Act of 1978, Public Law 95-541, 92 Stat. 2048 (16 U.S.C. 2401 et seq.)

Antarctic hazardous waste means any waste consisting of or containing one or more designated pollutants.

Antarctica means the area south of 60 degrees south latitude.

Banned substance means any polychlorinated biphenyls (PCBs), non-sterile soil, polystyrene beads, plastic chips or similar loose polystyrene packing material, pesticides (other than those required for scientific, medical or hygiene purposes) or other substance designated as such under subpart E of this part.

Designated pollutant means any substance designated as such by the Director pursuant to subpart E of this part; any pesticide, radioactive substance, or substance consisting of or containing any chemical listed by source, generic or chemical name at 40 CFR 61.01, Table 116.4A of 40 CFR 116.4; subpart D of 40 CFR part 261, 40 CFR 302.4, part 355, and part 372; and any substance which exhibits a hazardous waste characteristic as defined in subparts B and C of 40 CFR part 261; but shall not include any banned substance.

Director means the Director of the National Science Foundation, or an officer or employee of the Foundation designated by the Director.

Incinerate or *Incineration* means the processing of material by mechanisms that (1) involve the control of combustion air and/or fuel so as to maintain adequate temperature for efficient combustion; (2) contain the combustion reaction in an enclosed device with sufficient residence time and mixing for complete processing; and (3) control emission of gaseous or particulate combustion products.

Master permit means a permit issued to a federal agency, or its agents or contractors, or any other entity, covering activities conducted in connection with USAP or other group activities in Antarctica.

NSF or *Foundation* means the National Science Foundation.

Open burning means combustion of any material by means other than incineration.

Permit means a permit issued pursuant to subpart C of this part.

Private permit means any permit other than a master permit.

Protocol means the Protocol on Environmental Protection to the Antarctic Treaty, signed by the United States in Madrid on October 4, 1991, and any and all Annexes thereto, as amended or supplemented from time to time.

Release means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, leaching, dumping, burying or disposing of a substance, whether intentionally or accidentally.

Station means McMurdo Station, Palmer Station, Amundsen-Scott South Pole Station and any other per-

manent USAP facility in Antarctica designed to accommodate at least 50 persons at any one time.

Substance means any gas, liquid, or solid, or mixture thereof, including biological material.

Treaty means the Antarctic Treaty signed in Washington, D.C., on December 1, 1959.

United States means the several States of the Union, the District of Columbia, the Commonwealth of Puerto Rico, American Samoa, the Virgin Islands, Guam and the Trust Territory of the Pacific Islands, including the Federated States of Micronesia and the Commonwealth of the Northern Mariana Islands.

United States Antarctic Program or *USAP* means the United States national program in Antarctica.

U.S. citizen means any individual who is a citizen or national of the United States; any corporation, partnership, trust, association, or other legal entity existing or organized under the laws of any of the United States; and any department agency or other instrumentality of the Federal government or of any State, and any officer, employee, or agent of such instrumentality.

Use means to use, generate or create a substance, or to import a substance into Antarctica, but does not include the shipboard use of a substance, provided that substance is not released or removed from the vessel.

Waste means any substance that will no longer be used for any useful purpose, but does not include substances to be recycled in Antarctica, or substances to be reused in a manner different than their initial use, provided such substances are stored in a manner that will prevent their dispersal into the environment, and further provided that they are recycled, reused or disposed of in accordance with the provisions of this Part within three years. Recycling includes, but is not limited to, the reuse, further use, reclamation or extraction of a waste through a process or activity that is separate from the process or activity that produced the waste.

(b) *Pollutants, generally.* All banned substances, designated pollutants and waste shall be considered pollutants for

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purposes of the Antarctic Conservation Act.

Subpart B—Prohibited Acts, Exceptions

§ 671.4 Prohibited acts.

Unless one of the exceptions stated in § 671.5 is applicable, it is unlawful for any U.S. citizen to:

- (a) Use or release any banned substance in Antarctica;
- (b) Use or release any designated pollutant in Antarctica, except pursuant to a permit issued by NSF under subpart C of this part;
- (c) Release any waste in Antarctica, except pursuant to a permit issued by NSF under subpart C of this part; or
- (d) Violate any term or condition of a permit issued by NSF under subpart C of this part, or any term or condition of any of the regulations issued under this part.

§ 671.5 Exceptions

A permit shall not be required for any use or release of designated pollutants or waste allowed under the Act to Prevent Marine Pollution from Ships (33 U.S.C. 1901 et seq.), as amended, or for any shipboard use of banned substances or designated pollutants, provided such substances are not removed from the vessel in Antarctica.

Subpart C—Permits

§ 671.6 Applications for permits.

(a) *General content of permit applications.* Each application for a permit shall be dated and signed by the applicant, and shall include the following information:

- (1) The applicant's name, address and telephone number, the business or institutional affiliation of the applicant, or the name, address and telephone number of the president, principal officer or managing partner of the applicant, as applicable;
- (2) A description of the types, expected concentrations and volumes of wastes and designated pollutants to be released in Antarctica; the nature and timing of such releases; arrangements for waste management, including, without limitation, plans for waste re-

duction, minimization, treatment and processing, recycling, storage, transportation and disposal; arrangements for training and educating personnel to comply with these waste management requirements and procedures, and arrangements for monitoring compliance; and other arrangements for minimizing and monitoring the environmental impacts of proposed operations and activities;

(3) A description of the types, expected concentrations and volumes of designated pollutants to be used in Antarctica; the nature and timing of such uses; the method of storage of designated pollutants; and a contingency plan for controlling releases in a manner designed to minimize any resulting hazards to health and the environment;

(4) The desired effective date and duration of the permit; and

(5) The following certification:

"I certify that, to the best of my knowledge and belief, and based upon due inquiry, the information submitted in this application for a permit is complete and accurate. Any knowing or intentional false statement will subject me to the criminal penalties of 18 U.S.C. 1001."

(b) *Address to which application should be sent.* Each application shall be in writing, and sent to: Permits Office, Office of Polar Programs, National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230.

(c) *Sufficiency of application.* The sufficiency of the application shall be determined by the Director. The Director may waive any requirement for information, or require such additional information as he determines is relevant to the processing and evaluation of the application.

(d) *Publication of permit applications.* The Director shall publish notice in the FEDERAL REGISTER of each application for a permit and the proposed conditions of its issuance (including duration). The notice shall invite the submission by interested parties, the Environmental Protection Agency and other federal agencies, within 30 days after the date of publication of notice, of written data, comments, or views with respect to the application. Information received by the Director as a